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CUSTOMER NUMBER: 04249

Revised: 6/7/2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Leon A. Thompson, Joseph ) International  
A. Dellinger ) Patent Application  
 ) PCT/US98/12866  
 )  
APPLICATION NO.: 09/445,355 ) Group Art Unit: 2123  
 )  
FILED: December 1, 1999 ) Examiner: Nelson  
 ) Moskowitz  
 )  
FOR: HIGH RESOLUTION DETERMINATION ) Attorney Docket No.:  
OF SEISMIC POLAR ANISOTROPY ) 37302

### RESPONSE TO FIRST OFFICE ACTION

Mail Stop Amendment  
Commissioner  
for Patents  
P.O. Box 1450  
Alexandria, Virginia  
22313-1450

<b>CERTIFICATE OF MAILING</b>	
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231- <del>ALEXANDRIA, VA</del> on <u>6-7</u> 2004 By <u>CAROL A. WILSON</u> (Signature)	
<u>CAROL A. WILSON</u> (Typed or Printed Name of Person Signing Certificate)	

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Sir:

This amendment is written in response to an Office Action, mailed on March 10, 2004.

10 Please enter the following:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks begin on page 12 of this paper.

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ANY ADDITIONAL FEES REQUIRED  
CHARGE TO DEPOSIT ACCOUNT  
NO. 01-0528